

Thursday, May 12, 2016 1:09:12 PM

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**Reference:**

**Approvals:**      **Process Plan:**   lem        **Date:**   16/05/12        **Tooling:** \_\_\_\_\_      **Date:** \_\_\_\_\_  
                          **QC:** \_\_\_\_\_      **Date:** \_\_\_\_\_      **SPC (Y/N):** \_\_\_\_\_      **Date:** \_\_\_\_\_

[illegible]

**Work Order ID 146217**

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**\*146217\***

Page 2

Item ID: D350-822-011

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/18/2016 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 5/20/2016 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

**\*NR1\***

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

**\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

125

Consignment Stock

0.00

**\*125\***

Outsourc10

Consignment stock

Memo

0.00

Issue PO to GL account 50000-25 to LEAVE W/O OPEN UNTIL SOLD

PO 33445  
(Send copy of PO to Pall - James)Issue W/O LINE item for Pall for amount sold on sales order S/O 127306  
according to sales price see Warran for amount. (if sale price is \$23,000 -  
amount is \$13,400)  
PO can be received immediately and given to finance in order to close work  
order.~~DAS~~  
~~28~~  
~~9-89~~  
~~DAS~~  
~~27~~  
~~9-89~~~~JUN 13 2016~~

130

Packaging

0.00

**\*130\***

Packaging

Packaging

Memo

0.03

Identify and pack for shipping as per PPP D350-822-011  
Location: E934DAS  
28  
9-89DAS  
27  
9-89

JUN 13 2016

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Item ID: D350-822-011

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/18/2016 Start Qty: 1.00 \*\*

Cust Item ID:

Required Date: 5/20/2016 Req'd Qty: 1.00 \*\*

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start \*NR1\*

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop \*NR2\*

| Sequence ID/<br>Work Center ID | Operation<br>Description                    | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|---------------------------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 140                            | QC21- Final Inspection - Work Order Release | 0.00                 |         |        |              |               |               |                  |                |
| *140*                          |                                             |                      |         |        |              |               |               |                  |                |
| QC                             | Memo                                        | 0.10                 |         |        |              |               |               |                  |                |
| Quality Control                |                                             |                      |         |        |              |               |               |                  |                |

MCJ JUN 14 2016

MCJ JUN 14 2016

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Work Order ID: 146217

**\*146217\***

Parent Item: D350-822-011

**\*D350-822-011\***

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/18/2016

Required Date: 5/20/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 14.02.20 NEW ISSUE DD VERF:JLM IPP  
REV:B 14.06.18 AS PER IIN REV.C DD VERF:JLM IPP REV:C  
15.06.03 AS PER IIN REV.D DD VERF:JLM

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

NAS1149D0332J

Purchased

No

Each

1,334.000

58

**\*NAS1149D0332.J\***

Washer

**\*\***

DAS

28

DAS 9-89

6

9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

CA

6

m129682

6

FP001

11

m133988

11

GA

48

m132677

48

ST260a

600

m134738

600

ST264

669

m134502

669

JR

QR10616

Purchased

No

Each

5.0000

1

**\*QR10616\***

Vortex Tube Repair

**\*\***

134946

DAS

28

DAS 9-89

6

9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

FG108

1

m129631

1

QC INSP

4

m133995

4

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Work Order ID: 146217

**\*146217\***

Parent Item: D350-822-011

**\*D350-822-011\***

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/18/2016

Required Date: 5/20/2016

Start Qty: 1.00

Required Qty: 1.00

QB21304 Purchased No

Each 2.0000

1

**\*QB21304\***

PUREair Panel Assembly

DAS  
27  
9-89

Location

Loc Qty

Loc Code

MEZZpall

2

118409

2

Each

1.0000

1

QB21310 Purchased No

**\*QB21310\***

Transition Duct Assembly

Location

Loc Qty

Loc Code

FG108

1

m129631

1

Each

0.0000

1

QB21308 Purchased No

**\*QB21308\***

Fod Screen Assembly

DAS  
27  
9-89

DAS  
27  
9-89

LN29985-A05

Purchased No

Each

114.0000

15

**\*I N29985-A05\***

Anchor Nut

Location

Loc Qty

Loc Code

ST563

114

m133062

25

m134586

29

m134726

60

Each

300.0000

56

LN9038-05018 Purchased No

**\*I N9038-05018\***

Bolt

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST564

300

M134466

50

M134571

50

M134586

200

134946 DAS 6 28 9-89

134946 DAS 6 28 9-89

134946 DAS 6 28 9-89

B 134976 X 15 DAS 28 9-89

DAS 28 9-89

56

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Work Order ID: 146217

**\*146217\***

Parent Item: D350-822-011

**\*D350-822-011\***

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/18/2016

Required Date: 5/20/2016

Start Qty: 1.00

Required Qty: 1.00

BS4320-A5

Purchased

No

Each

24.0000

56

**\*BS4320-A5\***

**\*\***

Washer (NAS1149D332J)

DAS  
27  
9-89

Location

Loc Qty

Loc Code

MEZZpall

24

M129914

24

M134946

DAS  
28  
9-89

MS20426AD3-3

Purchased

No

Each

2,579.000

40

**\*MS20426AD3-3\***

**\*\***

RIVET

Location

Loc Qty

Loc Code

GA

828

M131624

828

ST312

1751

M131624

1751

40

DAS  
28  
9-89

DAS  
27  
9-89

650.0401

Purchased

No

Each

19.0000

1

**\*650 0401\***

**\*\***

PUREair Fairing Assembly

DAS  
27  
9-89

Location

Loc Qty

Loc Code

FG109

19

132155

19

1

DAS  
28  
9-89

D4925-041

Manufactured

No

Each

0.0000

**\*D4925-041\***

**\*\***

Mounting Plate Assembly

DAS  
27  
9-89

Location

Loc Qty

Loc Code

st138

16

144653

16

B143940

DAS  
28  
9-89

D4931-1

Manufactured

No

Each

16.0000

1

**\*D4931-1\***

**\*\***

Engine Fitting (for acft models B2 & previous)

DAS  
27  
9-89

DAS  
28  
9-89

DAS  
28  
9-89

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Work Order ID: 146217

**\*146217\***

Parent Item: D350-822-011

**\*D350-822-011\***

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/18/2016

Required Date: 5/20/2016

Start Qty: 1.00

Required Qty: 1.00

D4931-3 Manufactured No

Each 7.0000 1

**\*D4931-3\***

Engine Fitting (for B3 models)

\*\*

DAS 28  
6 9-89

DAS 27  
9-89

Location

Loc Qty

Loc Code

st138

7

120907

7

D4931-5

Manufactured No

Each 10.0000

1

**\*D4931-5\***

Engine Fitting (for B3e models)

\*\*

DAS 28  
6 9-89

Location

Loc Qty

Loc Code

st138

10

120908

10

D4935-1

Manufactured No

Each 15.0000

6

**\*D4935-1\***

Mounting Bracket

\*\*

3 x B146511

DAS 28  
6 9-89

Location

Loc Qty

Loc Code

ST139

15

144648

15

D4943-1

Manufactured No

Each 27.0000

1

**\*D4943-1\***

Flex Hose

\*\*

DAS 28  
6 9-89

Location

Loc Qty

Loc Code

ST220a

11

119754

8

119755

3

st220b

16

119751

8

119752

8

D4961-041

Manufactured No

Each 0.0000

1

**\*D4961-041\***

Tube Assembly

\*\*

145204

DAS 28  
6 9-89

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Work Order ID: 146217

**\*146217\***

Parent Item: D350-822-011

**\*D350-822-011\***

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/18/2016

Required Date: 5/20/2016

Start Qty: 1.00

Required Qty: 1.00

D4961-043

Manufactured No

Each 1.0000

**\*D4961-043\***

Tube Assembly

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST140

1

138170

1

\*\*

145205

DAS  
6  
9-89

DAS  
28  
9-89

D5079-1

Purchased No

Each 4.0000

**\*D5079-1\***

Placard, EAPS

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST148

4

140766

4

\*\*

147039

SEP

DAS  
28  
9-89

D5090-041

Manufactured No

Each 4.0000

**\*D5090-041\***

Duct Assembly

DAS  
27  
9-89

Location

Loc Qty

Loc Code

st222B

4

144650

4

\*\*

1

DAS  
6  
9-89

DAS  
28  
9-89

D5105-1

Manufactured No

Each 15.0000

**\*D5105-1\***

Handle

DAS  
27  
9-89

Location

Loc Qty

Loc Code

st151

15

144642

15

\*\*

12

DAS  
6  
9-89

DAS  
28  
9-89

D5110-1

Manufactured No

Each 10.0000

**\*D5110-1\***

Swivel Nut Fitting

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST152

10

143630

10

\*\*

1

DAS  
6  
9-89

DAS  
28  
9-89

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Work Order ID: 146217

**\*146217\***

Parent Item: D350-822-011

**\*D350-822-011\***

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/18/2016

Required Date: 5/20/2016

Start Qty: 1.00

Required Qty: 1.00

9752018044 Purchased No

Each 17.0000

1

**\*9752018044\***

Gasket (for B3 models)

**\*\***

DAS 6 28  
9-89 9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST564

1

m129550

1

ST589

16

m134540

8

m134710

8

9945000120 Purchased No

Each 17.0000

1

**\*9945000120\***

Gasket (for B3e models)

**\*\***

DAS 6 28  
9-89 9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST564

1

m129550

1

ST589

16

m134540

8

m134710

8

23350CA050 Purchased No

Each 53.0000

2

**\*23350CA050\***

WASHER

**\*\***

JUN 06 2016  
DAS 6 28  
9-89 9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST568

53

m129609

53

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Work Order ID: 146217

**\*146217\***

Parent Item: D350-822-011

**\*D350-822-011\***

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/18/2016

Required Date: 5/20/2016

Start Qty: 1.00

Required Qty: 1.00

AN821-12J Purchased No

Each 14.0000 2

**\*AN821-12J\***

Elbow (or AN821-12K or 12S)

DAS  
28  
9-89

DAS  
6  
9-89

\*\*

DAS  
27  
9-89

Location

Loc Qty

Loc Code

CCK004

12

m134544

12

ST324

2

m132479

2

Each 7.0000 1

\*\*

AN929-12J Purchased No

**\*AN929-12J\***

Cap

DAS  
28  
9-89

DAS  
6  
9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST322

7

m129764

7

Each 16.0000 2

\*\*

EN3686-050016 Purchased No

**\*FN3686-050016\***

Screw

DAS  
28  
9-89

DAS  
6  
9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST559

16

m132539

1

m134586

15

Each 156.0000 32

\*\*

LN9038-05012 Purchased No

**\*LN9038-05012\***

Bolt

DAS  
28  
9-89

DAS  
6  
9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST564

156

m134466

56

m134571

100

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Work Order ID: 146217

**\*146217\***

Parent Item: D350-822-011

**\*D350-822-011\***

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/18/2016

Required Date: 5/20/2016

Start Qty: 1.00

Required Qty: 1.00

LN9038-05040

Purchased

No

Each

7.0000

1

**\*I N9038-05040\***

Bolt

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST564

7

m132423

3

m134466

4

\*\*

DAS  
6  
28  
9-89

LN9348-05

Purchased

No

Each

140.0000

26

**\*I N9348-05\***

Nut

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST564

140

m134466

140

\*\*

DAS  
6  
28  
9-89

MS20470AD3-4

Purchased

No

Each

1,548.000

18

**\*MS20470AD3-4\***

Rivet, Universal Head

DAS  
27  
9-89

Location

Loc Qty

Loc Code

GA

556

111477

556

ST310

992

111477

992

\*\*

DAS  
6  
28  
9-89

MS21919WCH12

Purchased

No

Each

11.0000

1

**\*MS21919WCH12\***

Clamp

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST291

11

m130358

1

m134527

10

\*\*

DAS  
6  
28  
9-89

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Work Order ID: 146217

**\*146217\***

Parent Item: D350-822-011

**\*D350-822-011\***

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 5/18/2016

Required Date: 5/20/2016

Start Qty: 1.00

Required Qty: 1.00

MS9592-138

Purchased

No

Each

18.0000

1

DAS

DAS

**\*MS9592-138\***

**\*\***

6

28

Bracket

9-89

9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

ST267

18

m132479

18

Each

23.0000

1

NAS43DD3-64

Purchased

No

**\*NAS43DD3-64\***

**\*\***

Spacer

DAS

DAS

6

28

9-89

9-89

DAS  
27  
9-89

Location

Loc Qty

Loc Code

GA

8

m132461

8

ST550

15

m134544

15

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DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |                                                                                                                    |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--------------------------------------------------------------------------------------------------------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Thermoforming <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/><br/>           Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/><br/>           Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Quality <input type="checkbox"/><br/>           Other <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |                                                                                                                    |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Step #:                                                                                                                                                                            | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  | MRB (QS1042) Approval                                                                                              |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                    | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  | Completed By<br><br><br>Lead hand / Supervisor<br>Approval Verification<br><br><br>QC / QA Coordinator<br>Approval |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |                                                                                                                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |                                                                                                                    |  |
| <b>Root Cause</b><br><div style="display: flex;"> <div style="flex: 1;">           Environment <input type="checkbox"/><br/>           Design <input type="checkbox"/><br/>           Doc/Data <input type="checkbox"/><br/>           Equip/Tooling <input type="checkbox"/><br/>           Handling/Pre <input type="checkbox"/><br/>           Material <input type="checkbox"/><br/>           Internal Transport <input type="checkbox"/><br/>           Tribal Knowledge <input type="checkbox"/><br/>           LOA <input type="checkbox"/><br/>           Substation <input type="checkbox"/><br/>           Past Expiry Date <input type="checkbox"/><br/>           Misidentified <input type="checkbox"/> </div> <div style="flex: 1;">           No Re-verification <input type="checkbox"/><br/>           Operator <input type="checkbox"/><br/>           Offset/Setup <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Training <input type="checkbox"/><br/>           Use for Testing <input type="checkbox"/><br/>           Poor Information <input type="checkbox"/><br/>           Rushing <input type="checkbox"/><br/>           Product Improvement <input type="checkbox"/><br/>           Process Improvement <input type="checkbox"/><br/>           Manufacturing Process <input type="checkbox"/><br/>           Past Due <input type="checkbox"/> </div> </div> |                                                                                                                                                                                    | <b>FAULT CATEGORY</b><br><div style="display: flex;"> <div style="flex: 1;">           Pressure/Forced <input type="checkbox"/><br/>           Bending <input type="checkbox"/><br/>           Centre Not Concentric <input type="checkbox"/><br/>           Cracks <input type="checkbox"/><br/>           Crimp/Kink/Ripple/Wave <input type="checkbox"/><br/>           Cuffs <input type="checkbox"/><br/>           Crushing <input type="checkbox"/><br/>           Heat Treat <input type="checkbox"/><br/>           Wave/Twist in Tube <input type="checkbox"/><br/>           Marks/Chatter <input type="checkbox"/> </div> <div style="flex: 1;">           Temperature/Cure <input type="checkbox"/><br/>           Set-up <input type="checkbox"/><br/>           BOM/Route <input type="checkbox"/><br/>           Broken/Damage/Defect <input type="checkbox"/><br/>           Inspection Incomplete/Unqualified <input type="checkbox"/><br/>           Contamination <input type="checkbox"/><br/>           Countersink <input type="checkbox"/><br/>           Cut Too Short <input type="checkbox"/><br/>           Instructions Incomplete/Unclear <input type="checkbox"/><br/>           Drill Holes <input type="checkbox"/> </div> <div style="flex: 1;">           Power Loss/Surge <input type="checkbox"/><br/>           Folio/Program <input type="checkbox"/><br/>           Grain <input type="checkbox"/><br/>           Weld <input type="checkbox"/><br/>           Wrong Stock Pulled <input type="checkbox"/><br/>           Out of Sequence <input type="checkbox"/><br/>           Off-set <input type="checkbox"/><br/>           Misabeled <input type="checkbox"/><br/>           Fit/Function <input type="checkbox"/><br/>           Misaligned/off center <input type="checkbox"/> </div> <div style="flex: 1;">           Positioned Wrong <input type="checkbox"/><br/>           Outside Dimensions <input type="checkbox"/><br/>           Over/Under tolerance <input type="checkbox"/><br/>           Part Incorrect <input type="checkbox"/><br/>           Part Lost/Missing <input type="checkbox"/><br/>           Part Moved <input type="checkbox"/><br/>           Drawing <input type="checkbox"/><br/>           Finish <input type="checkbox"/><br/>           Misread <input type="checkbox"/><br/>           Turning Sequence <input type="checkbox"/> </div> </div> |  |  |                                                                                                                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                    | OTHER : <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |                                                                                                                    |  |

## 5.0 PARTS LIST

| QTY<br>-011 | QTY<br>-013 | PART NUMBER   | DESCRIPTION                       |
|-------------|-------------|---------------|-----------------------------------|
| X           |             | D350-822-011  | PA100 PUREAIR SYSTEM              |
|             | X           | D350-822-013  | PA100 PUREAIR PROVISIONS          |
| 1           |             | QB05008       | PUREAIR SYSTEM                    |
| 1**         |             | QR10818       | TUBE REPAIR KIT                   |
| 1**         |             | QB21304       | PUREAIR PANEL ASSY                |
| 1**         |             | QB21310       | TRANSITION DUCT ASSY              |
| 1**         |             | QB21308       | FOD SCREEN ASSY                   |
| 15**        |             | LN29985-A05   | ANCHOR NUT                        |
| 56**        |             | LN9038-05018  | BOLT                              |
| 56**        |             | BS4320-A5     | WASHER                            |
| 40**        |             | MS20426AD3-3  | RIVET                             |
| 1           | 1           | 650.0401      | PUREAIR FAIRING ASSY              |
| 1           | 1           | D4925-041     | MOUNTING PLATE ASSY               |
| 1*          | 1*          | D4931-1       | ENGINE FITTING                    |
| 1*          | 1*          | D4931-3       | ENGINE FITTING                    |
| 1*          | 1*          | D4931-5       | ENGINE FITTING                    |
| 6           | 6           | D4935-1       | MOUNTING BRACKET                  |
| 1           | 1           | D4943-1       | FLEX HOSE                         |
| 1           | 1           | D4961-041     | TUBE ASSEMBLY                     |
| 1           | 1           | D4961-043     | TUBE ASSEMBLY                     |
| 2           | 2           | D5079-1       | PLACARD                           |
| 1           | 1           | D5090-041     | DUCT ASSEMBLY                     |
| 2           | 2           | D5105-1       | HANDLE                            |
| 1           | 1           | D5110-1       | SWIVEL NUT FITTING                |
| 2           | 2           | D5179-1       | DOUBLER                           |
| 2           | 2           | D5179-3       | DOUBLER                           |
| 2           | 2           | D5194-1       | DOUBLER                           |
| 3           | 3           | D5208-041     | BLANKING PLATE ASSY               |
| 1*          | 1*          | 9752100180    | GASKET                            |
| 1*          | 1*          | 9945000120    | GASKET                            |
| 2           | 2           | 23350CA050    | LOCKING TAB                       |
| 2           | 2           | AN821-12J     | ELBOW (OR AN821-12K OR AN821-12S) |
| 1           | 1           | AN929-12J     | CAP                               |
| 58          | 58          | BS4320-A5     | WASHER (OR NAS1149D0332J)         |
| 2           | 2           | EN3686-050016 | SCREW                             |
| 32          | 32          | LN9038-05012  | BOLT                              |
| 1           | 1           | LN9038-05040  | BOLT                              |
| 26          | 26          | LN9348-05     | NUT                               |
| 18          | 18          | MS20470AD3-4  | RIVET                             |
| 1           | 1           | MS21919WHG12  | CLAMP                             |
| 1           | 1           | MS9592-138    | BRACKET                           |
| 1           | 1           | NAS43DD3-64   | SPACER                            |

\* USE APPROPRIATE FITTING/GASKET BASED ON ENGINE INSTALLATION

\*\* PART OF QB05008 ABOVE

# REFERENCE ONLY

## DART SERVICE INSTRUCTION

TO AMEND IIN-D350-822 REV. C/D  
REF. TCCA STC: SH14-14  
REF. ANAC STC: 2014S07-11

### 1.0 PURPOSE

THE PURPOSE OF THIS DSI IS TO PROVIDE AN UPGRADE KIT SO THAT CUSTOMERS WHO HAVE RECEIVED D350-822-011 @ CHG 001 (REF IIN-D350-822 REV. C) CAN UPGRADE THEIR KIT TO D350-822-011 @ CHG 002 (REF IIN-D350-822 REV. D) AND INSTALL THE KIT PER IIN-D350-822 REV. D.

### 2.0 CHANGE

THE DSI 9723-011 UPGRADE KIT IS DETAILED AS FOLLOWS:

| QTY -011 | PART NUMBER   | DESCRIPTION                      |
|----------|---------------|----------------------------------|
| X        | DSI 9723-011  | PA100 PUREAIR SYSTEM UPGRADE KIT |
| 1        | 650.0401      | PUREAIR FAIRING ASSY *           |
| 1        | AN821-12J     | ELBOW                            |
| 58       | BS4320-A5     | WASHER (OR NAS1149D0332J)        |
| 1        | D4925-041     | MOUNTING PLATE ASSY *            |
| 1        | D4961-043     | TUBE ASSEMBLY                    |
| 2        | D5179-1       | DOUBLER                          |
| 2        | D5179-3       | DOUBLER                          |
| 2        | D5194-1       | DOUBLER                          |
| 3        | D5208-041     | BLANKING PLATE ASSY              |
| 2        | EN3686-050016 | SCREW                            |
| 15       | LN29985-A05   | ANCHOR NUT                       |
| 32       | LN9038-05012  | BOLT                             |
| 56       | LN9038-05018  | BOLT                             |
| 1        | LN9038-05040  | BOLT                             |
| 26       | LN9348-05     | NUT                              |
| 40       | MS20426AD3-3  | RIVET                            |
| 1        | MS9592-138    | BRACKET                          |
| 1        | NAS43DD3-64   | SPACER                           |

\* UPGRADE TO METRIC HARDWARE

### 3.0 WEIGHT AND BALANCE

This DSI has a negligible effect on Weight and Balance.

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 15.05.29  
CERT. NO.: SH14-14  
ISSUE NO.: 1

|            |                                                                                     |                                                                                                                                                                                                                                                                          |              |
|------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| A          | NEW ISSUE                                                                           | AK                                                                                                                                                                                                                                                                       | 15.05.29     |
| REV.       | DESCRIPTION                                                                         | BY                                                                                                                                                                                                                                                                       | DATE         |
| DESIGN     | AK                                                                                  | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                        |              |
| DRAWN      | AK                                                                                  |                                                                                                                                                                                                                                                                          |              |
| CHECKED    | RF                                                                                  | DRAWING NO.                                                                                                                                                                                                                                                              | REV. A       |
| MFG. APPR. | N/A                                                                                 | DSI 9723                                                                                                                                                                                                                                                                 | SHEET 1 OF 1 |
| APPROVED   | HS                                                                                  | TITLE                                                                                                                                                                                                                                                                    | SCALE        |
| DE APPR.   |  | PA100 UPGRADE KIT                                                                                                                                                                                                                                                        | NTS          |
| DATE       | 15.05.29                                                                            | COPYRIGHT © 2015 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD. |              |



## Location/Lot Activity

Friday, August 26, 2016 2:28:52 PM

Page 1 of 1

Criteria : Item ID: d350-822-011 All Locations All Lots All Transaction Types Dates from 8/1/2016 8:27:16 AM to 8/12/2016 8:27:16 AM Report on Locations & Lots

| Transaction Type | Item ID/<br>Item Name                                     | Warehouse<br>Location ID | Reason   | Employee ID<br>Location Code | Loc<br>Trans<br>Date | LocQtyPrior/<br>Location Qty | Lot Number | LotQtyPrior/<br>Lot Qty | Shelf Life Date<br>Lot Code | Extended<br>Cost |
|------------------|-----------------------------------------------------------|--------------------------|----------|------------------------------|----------------------|------------------------------|------------|-------------------------|-----------------------------|------------------|
| Shipment         | D350-822-011 / PA100<br>PUREair System for<br>AS350/EC130 | Main<br>Warehouse        | SO127306 | FAUT01                       |                      | 2.0000                       |            | 1.0000                  |                             |                  |
|                  |                                                           | FG034                    |          |                              | 8/3/2016             | -1.0000                      | 146217     | -1.0000                 |                             | (\$4,460.99)     |
|                  |                                                           |                          |          |                              |                      |                              |            | -1.0000                 |                             | (\$4,460.99)     |